

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1-60. (Canceled)

61. (Currently amended) A wireless communication device comprising:

control circuitry that ~~operates~~ is operable to, at least:

deactivate at least a portion of wireless communication circuitry for a plurality of regular intervals, where at each of the plurality of regular intervals a base station transmits a first type of information packet comprising information indicating pending messages;

after deactivating at least a portion of the wireless communication circuitry for the plurality of regular intervals, activate ~~the said~~ at least a portion of the wireless communication circuitry to receive at least one information packet of the first type of ~~information packet~~ transmitted from the base station; and

if ~~the said~~ received at least one of the first type of information packet comprises information indicating that a message is pending for the wireless communication device, then direct the wireless communication circuitry to receive the pending message from the base station.

62. (Previously presented) The wireless communication device of claim 61, wherein the first type of information packet is capable of comprising information indicating respective pending messages for a plurality of recipients.

63. (Currently amended) The wireless communication device of claim 61, wherein the control circuitry ~~operates~~ is operable to direct the wireless communication circuitry to receive the pending message from the base station by, at least in part, operating to direct the wireless communication circuitry to receive a second type of information packet from the base station.

64. (Currently amended) The wireless communication device of claim 61, wherein the control circuitry ~~operates~~ is operable to direct the wireless communication circuitry to receive the

pending message from the base station by, at least in part, operating to direct the wireless communication circuitry to remain active to receive at least one additional information packet from the base station.

65. (Currently amended) The wireless communication device of claim 61, wherein the control circuitry ~~operates~~ is operable to direct the wireless communication circuitry to receive the pending message from the base station by, at least in part, operating to direct the wireless communication circuitry to communicate a message to the base station ~~requesting to cause~~ delivery of a the pending message to the wireless communication device.

66. (Currently amended) The wireless communication device of claim 61, wherein the control circuitry ~~operates~~ is operable to direct the wireless communication circuitry to communicate information to the base station indicating that the wireless communication device is capable of power save operation.

67. (Currently amended) The wireless communication device of claim 61, wherein the control circuitry ~~operates~~ is operable to direct the wireless communication circuitry to communicate information to the base station indicative of a number of the regular intervals for which the control circuitry will operate to deactivate ~~the~~ said at least a portion of the wireless communication circuitry.

68. (Currently amended) The wireless communication device of claim 61, wherein the control circuitry ~~operates~~ is operable to activate ~~the~~ said at least a portion of the wireless communication circuitry by, at least in part, operating to activate ~~the~~ said at least a portion of the wireless communication circuitry for a period of time at least as long as one of the regular intervals.

69. (New) The wireless communication device of claim 61, wherein the wireless communication circuitry comprises a spread spectrum receiver to receive said at least one information packet.

70. (New) The wireless communication device of claim 61, wherein the base station is one

of a plurality of base stations of a wireless communication network, each of the plurality of base stations corresponding to a respective coverage area.

71. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to activate a receiver to receive said at least one information packet for up to a maximum listening period, where the maximum listening period is at least a maximum expected time interval between consecutive transmissions of information packets of the first type.

72. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to determine whether to consider said received at least one information packet based, at least in part, on signal strength.

73. (New) The wireless communication device of claim 61, wherein the wireless communication device comprises a hand-held terminal.

74. (New) The wireless communication device of claim 61, wherein the wireless communication device is operable to perform batch file transfer.

75. (New) The wireless communication device of claim 61, wherein the wireless communication device is operable to perform on-line data entry.

76. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate an expected time for transmission of said at least one information packet.

77. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate an expected time for transmission of said at least one information packet based, at least in part, on timing information received in a previously received information packet of the first type.

78. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate an expected time for transmission of said at least one information packet based, at least in part, on seed information received in a previously received information packet of the first type.

79. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate when to activate said at least a portion of the wireless communication circuitry.

80. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate when to activate said at least a portion of the wireless communication circuitry based, at least in part, on a seed value.

81. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate when to activate said at least a portion of the wireless communication circuitry based, at least in part, on a seed value received from the base station.

82. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate when to activate said at least a portion of the wireless communication circuitry based, at least in part, on a pseudo-random number.

83. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate when to activate said at least a portion of the wireless communication circuitry based, at least in part, on a pseudo-random number associated with a previously received information packet of the first type.

84. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate when to activate said at least a portion of the wireless communication circuitry based, at least in part, on identification information.

85. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate when to activate said at least a portion of the wireless communication circuitry based, at least in part, on identification information associated with the base station.

86. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to calculate when to activate said at least a portion of the wireless communication circuitry based, at least in part, on identification information and a pseudo-random number.

87. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to activate said at least a portion of the wireless communication circuitry by, at least in part, operating to power up receiver circuitry of the wireless communication device.

88. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to determine a deactivation time period based, at least in part, on an expected duration of a communication between another wireless communication device and the base station.

89. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to determine a deactivation time period based, at least in part, on message length information communicated between another wireless communication device and the base station.

90. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to determine a deactivation time period based, at least in part, on message length information transmitted by another wireless communication device.

91. (New) The wireless communication device of claim 61, wherein the first type of information packet comprises information of messages stored for a plurality of sleeping wireless communication devices.

92. (New) The wireless communication device of claim 61, wherein the first type of information packet comprises information indicating whether a message awaits delivery to the wireless communication device.

93. (New) The wireless communication device of claim 61, wherein the first type of information packet comprises information from which the control circuitry is operable to determine whether a message awaits delivery to the wireless communication device.

94. (New) The wireless communication device of claim 61, wherein the first type of information packet comprises a pending message list.

95. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to direct the wireless communication circuitry to receive the pending message from the

base station by, at least in part, operating to direct the wireless communication circuitry to transmit a message to the base station to cause delivery of the pending message to the wireless communication device.

96. (New) The wireless communication device of claim 61, wherein the first type of information packet comprises information indicating that one or more messages are stored in a wireless communication network and awaiting delivery to the wireless communication device.

97. (New) The wireless communication device of claim 61, wherein the first type of information packet comprises information indicating whether one or more messages are stored in the base station and awaiting delivery to the node.

98. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to maintain operation of said at least a portion of the wireless communication circuitry in an activated state if a predetermined number of expected signals from the base station are not received.

99. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to determine a number of said regular intervals in which to operate said at least a portion of the wireless communication circuitry in a deactivated state.

100. (New) The wireless communication device of claim 61, wherein the first type of information packet comprises information of mail messages awaiting delivery to the wireless communication device.

101. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to deactivate said at least a portion of the wireless communication circuitry for at least a portion of an expected delay to receive a message in response to a message sent from the wireless communication device.

102. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to activate and deactivate said at least a portion of the wireless communication circuitry in a consistent cycle.

103. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to maintain operation of circuitry of the wireless communication device in the activated state for a first period of time if no message is received after said activating and for a second period of time, longer than the first period of time, if a message is received after said activating.

104. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to cause circuitry of the wireless communication device to operate in an activated state in response to a user input and to continue to operate in the activated state for a fixed time period following the user input.

105. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to cause circuitry of the wireless communication device to operate in an activated state for at least an entire duration of a communication session with the base station.

106. (New) The wireless communication device of claim 61, wherein the control circuitry is operable to cause circuitry of the wireless communication device to operate in an activated state for a fixed time period following completion of a communication session with the base station.